



Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/603,502
Filing Date	June 24, 2003
First Named Inventor	Quake, Stephen R.
Art Unit	2873
Examiner Name	Unassigned- E. LESTER

Attorney Docket Number 20174C-001011US

## U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-4,155,962	05-22-1979	Mohn et al.	
	A2	US-5,121,256	06-09-1992	Corle et al.	
	A3	US-5,171,995	12-15-1992	Gast et al.	
	A4	US-5,729,393	03-17-1998	Lee et al.	
	A5	US-5,764,613	06-09-1998	Yamamoto et al.	
	A6	US-5,776,191	07-07-1998	Mazzocco	
	A7	US-5,939,709	08-17-1999	Ghislain et al.	
	A8	US-6,181,478 B1	01-30-2001	Mandella.	
	A9	US-6,238,513 B1	05-22-2001	Mallary	
	A10	US-6,270,696	08-07-2001	Jain et al.	
	A11	US-6,277,545 B1	08-21-2001	Iida et al.	
	A12	US-6,298,026 B1	10-02-2001	Suzuki et al.	
	A13	US-6,301,055	10-09-2001	Legrand et al.	
	A14	US-6,307,688 B1	10-23-2001	Ichimura et al.	
	A15	US-6,369,957 B1	04-09-2002	Ishida 359/719.	
	A16	US-6,560,030	05-06-2003	Legrand et al.	
	A17	US-6,608,728	08-19-2003	Legrand et al.	
	A18	US-6,614,598	09-02-2003	Quake et al.	
	A19				
	A20				

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	B1	EPO	EP 0 362 993	A2	04-11-1990			<input type="checkbox"/>
	B2	JP	8-001810	A	01-09-1996			<input checked="" type="checkbox"/>
	B3	JP	11 197587	A	07-27-1999			<input checked="" type="checkbox"/>
	B4	JP	2000-89004	A	03-31-2000			<input checked="" type="checkbox"/>
	B5	PCT	WO 98/19654	A1	05-14-1998			<input type="checkbox"/>
	B6							<input type="checkbox"/>
	B7							<input type="checkbox"/>
	B8							<input type="checkbox"/>

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9-6-05

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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/603,502
(use as many sheets as necessary)				Filing Date	June 24, 2003
				First Named Inventor	Quake, Stephen R.
				Art Unit	2873
				Examiner Name	Unassigned <i>E. LESTER</i>
Sheet	2	of	2	Attorney Docket Number	20174C-001011US

<b>NON PATENT LITERATURE DOCUMENTS</b>		
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
<i>ELL</i>	C1	Berg, Howard C. "Dynamic properties of bacterial flagellar motors", <i>Nature</i> , vol. 248, May 3, 1974.
<i>ELL</i>	C2	Berry, Richard M. et al. "Absence of a barrier to backwards rotation of the bacterial flagellar motor demonstrated with optical tweezers", <i>Proc. Natl. Acad. Sci. USA</i> , vol. 94, pp. 14433-14437, (Dec. 1997)
<i>ELL</i>	C3	Elson, Elliot L. "Fluorescence Correlation Spectroscopy and Photobleaching Recovery", <i>Ann. Rev. Phys. Chem.</i> (1985);36:379-406
<i>ELL</i>	C4	FINER, JEFFREY T. et al. "Single myosin molecule mechanics: piconewton forces and nanometre steps." <i>Nature</i> , Vol. 368, Mar. 10, 1994, pp. 113-119.
<i>ELL</i>	C5	Kinosita, Kazuhiko Jr. et al. "F.sub.1 -ATPase: A rotary motor made of a single molecule", <i>Cell</i> , vol. 93, pp. 21-24, Apr. 3, 1998.
<i>ELL</i>	C6	MERVIS, J. et al. "Aligning and attaching a lens to an optical fiber using light pressure force", <i>Optics Letters</i> , vol. 18, No. 5, Mar. 1, 1993, p. 325
<i>ELL</i>	C7	Miguez, H. et al. "Photonic crystal properties of packed submicrometric SiO <sub>2</sub> spheres", <i>American Institute of Physics</i> (1997), 3 pages.
<i>ELL</i>	C8	PERKINS, THOMAS T. "Relaxation of a single DNA molecule observed by optical microscopy" <i>Science</i> , vol. 264, May 6, 1994.
<i>ELL</i>	C9	Shingyoji, Chikako et al. "Dynein arms are oscillating force generators", <i>Nature</i> , vol. 393, Jun. 18, 1998.
<i>ELL</i>	C10	Silverman, Michal et al. "Flagellar rotation and the mechanism of bacterial motility", <i>Nature</i> vol. 249, May 6, (1974).
<i>ELL</i>	C11	Smith, Stephen P. et al. "Inexpensive optical tweezers for undergraduate laboratories", <i>Am. J. Phys.</i> 67 (1), Jan. 1999, pp. 26-35
<i>ELL</i>	C12	SVOBODA, KAREL et al. "Direct observation of kinesin stepping by optical trapping interferometry", <i>Nature</i> , vol. 365, Oct. 21, 1993.
	C13	

Examiner Signature	<i>E. Lester</i>	Date Considered	9-6-05
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